

FIG . 1

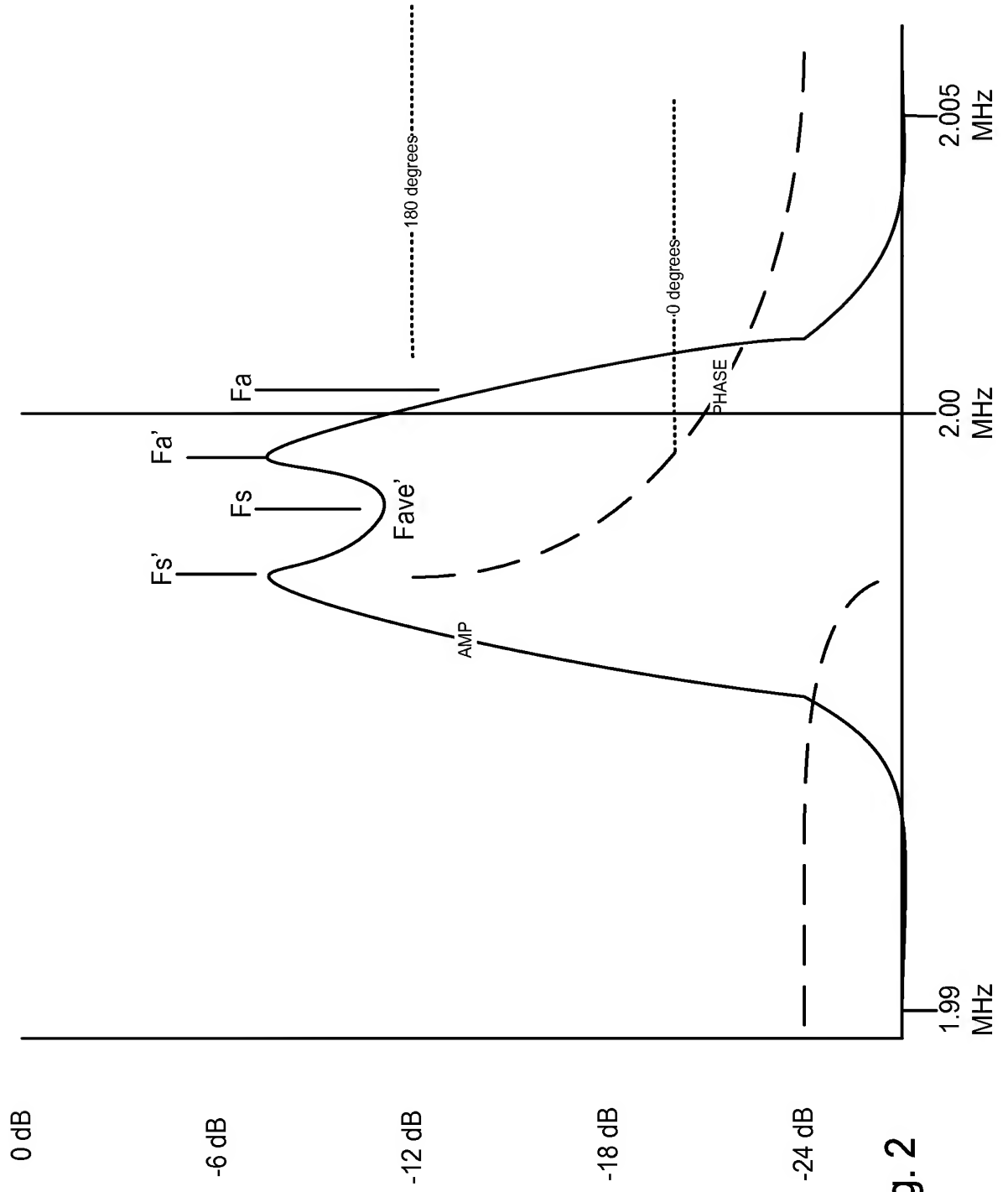


Fig. 2

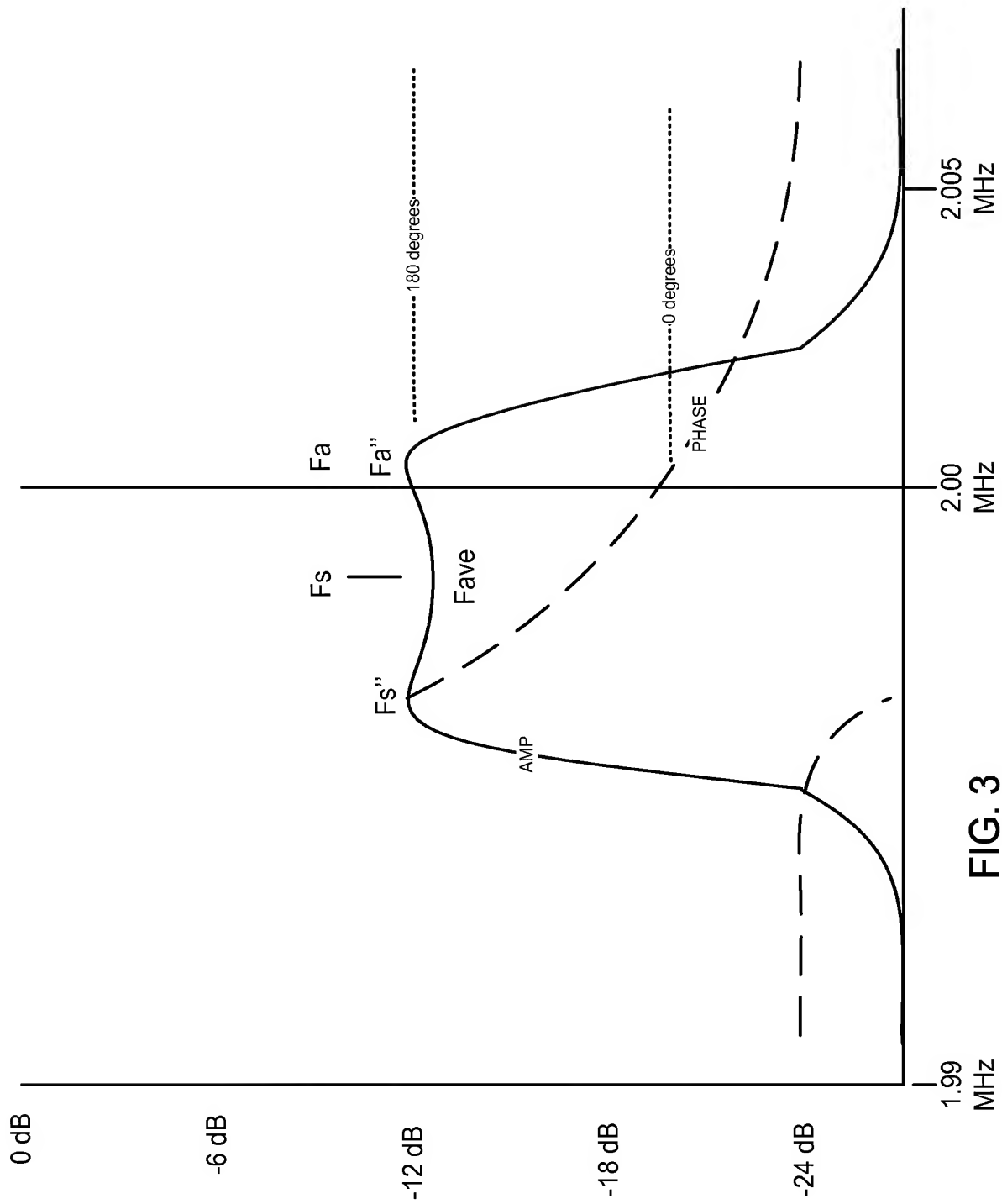


FIG. 3

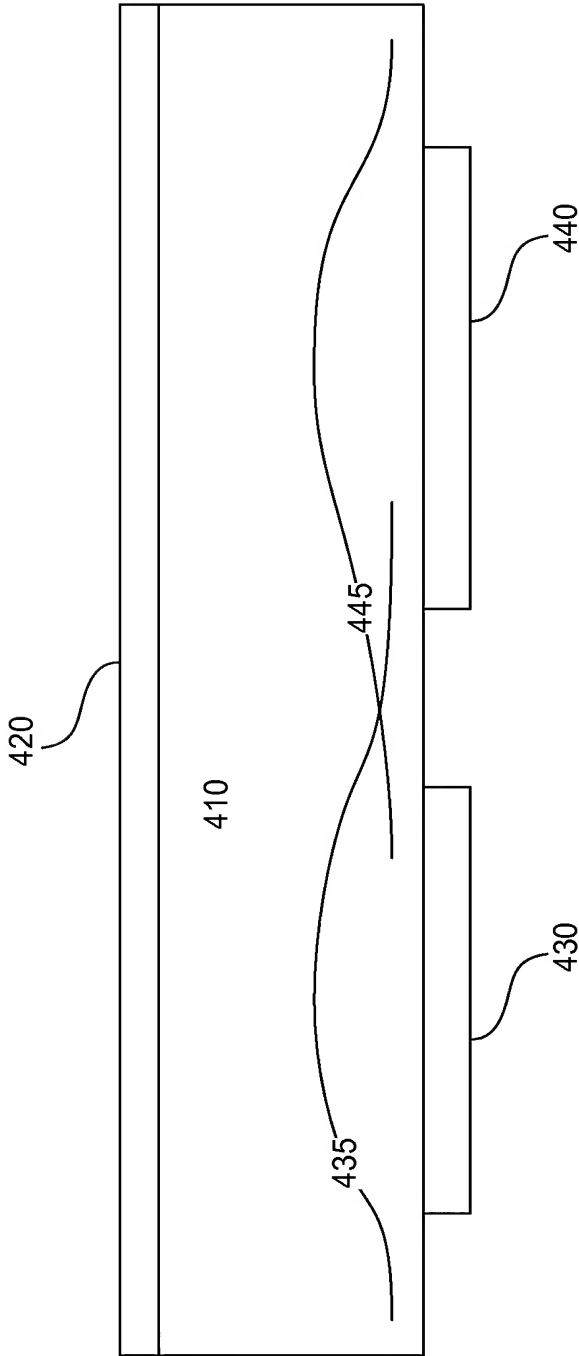


FIG. 4a

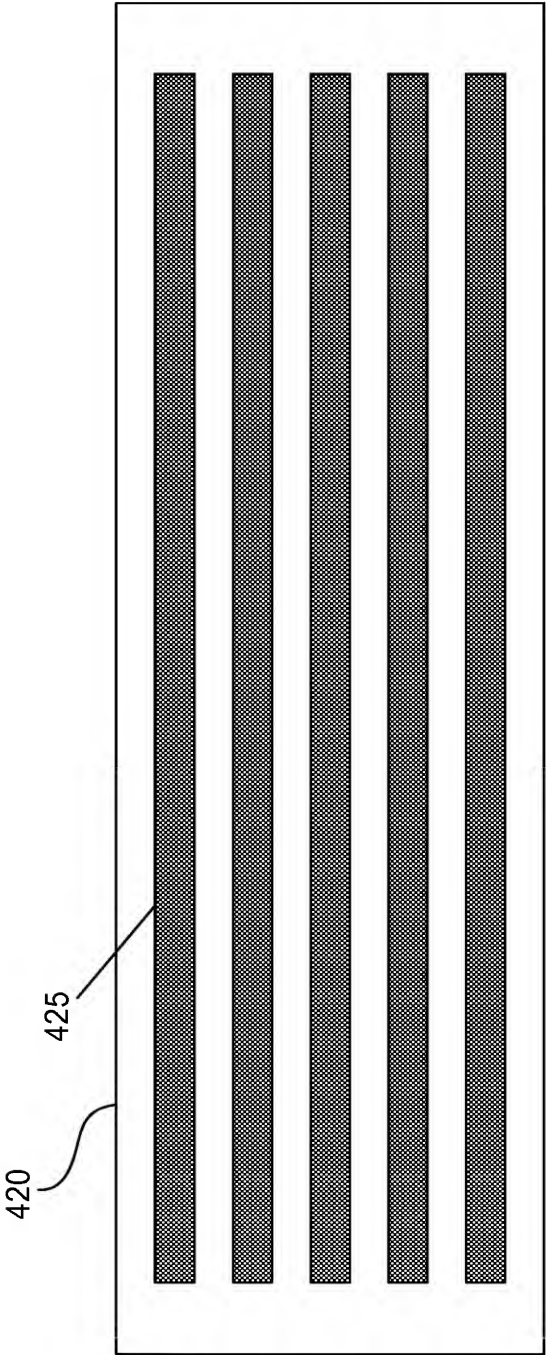


FIG. 4b

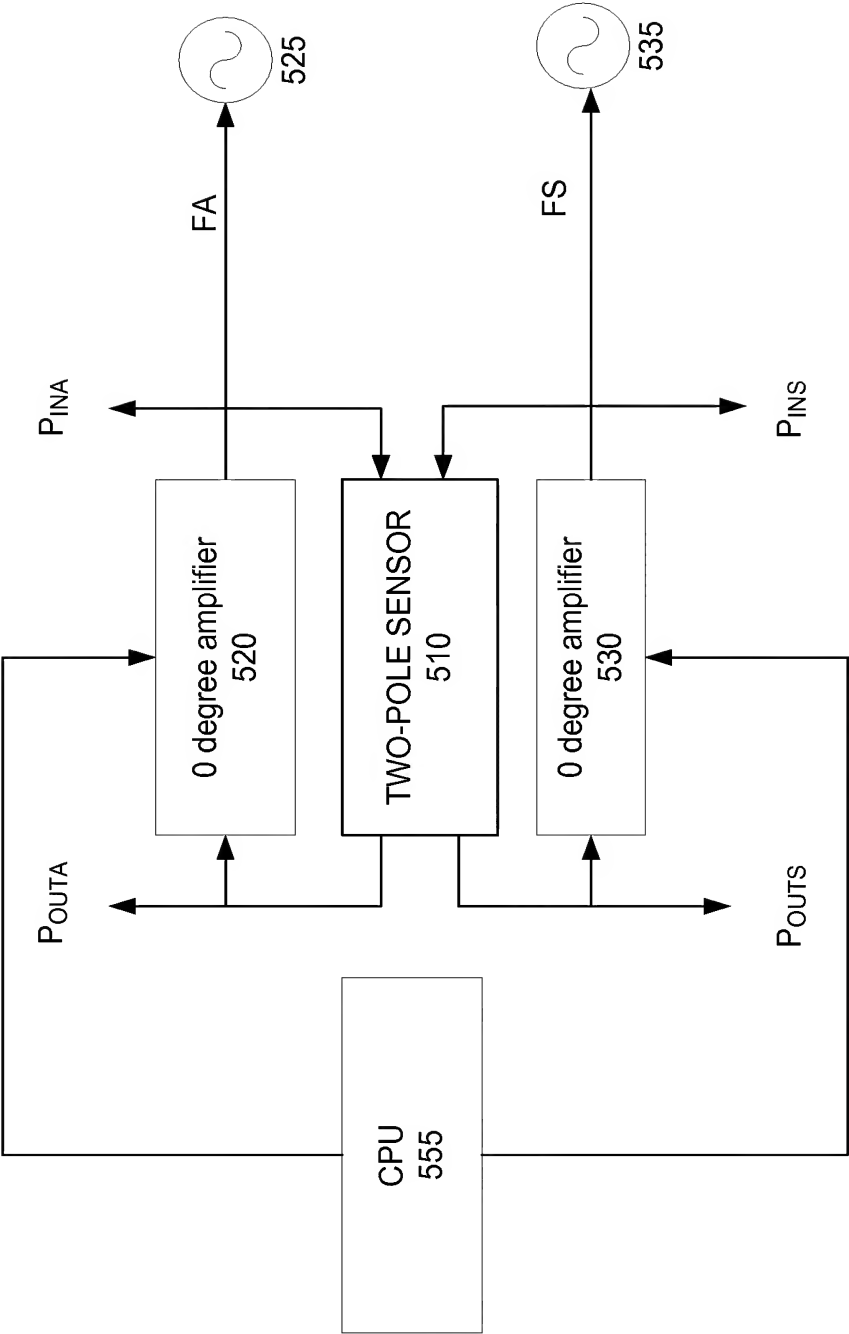
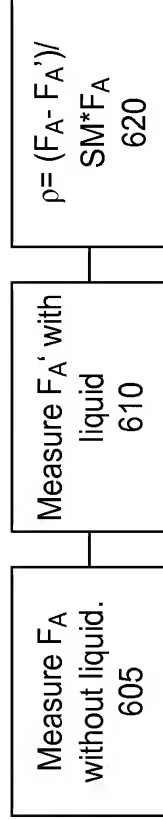
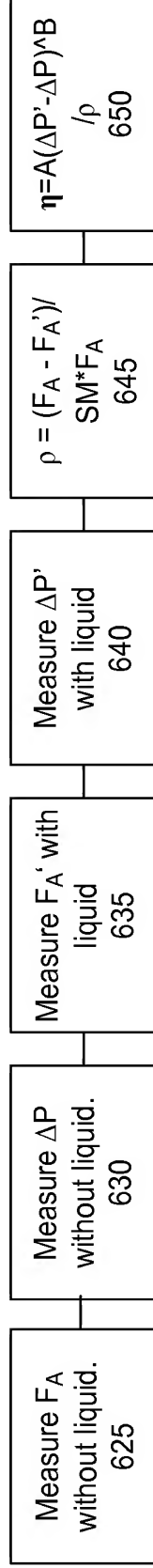


FIG 5

A) FREQUENCY-BASED DENSITY MONITOR



B) FREQUENCY-BASED DENSITY AND POWER-LOSS VISCOSITY MONITOR



C) FREQUENCY-BASED DENSITY AND VISCOSITY MONITOR

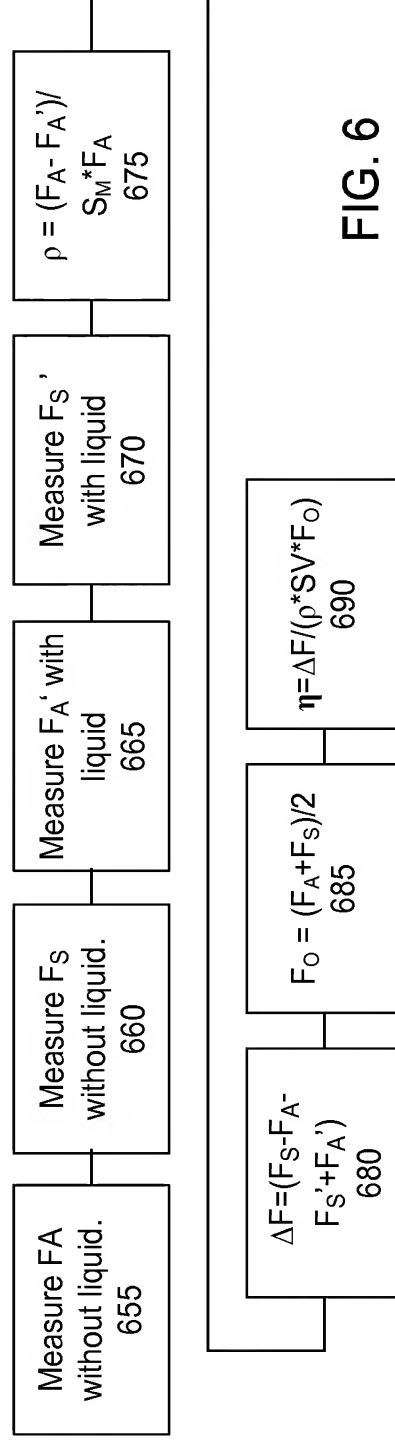


FIG. 6

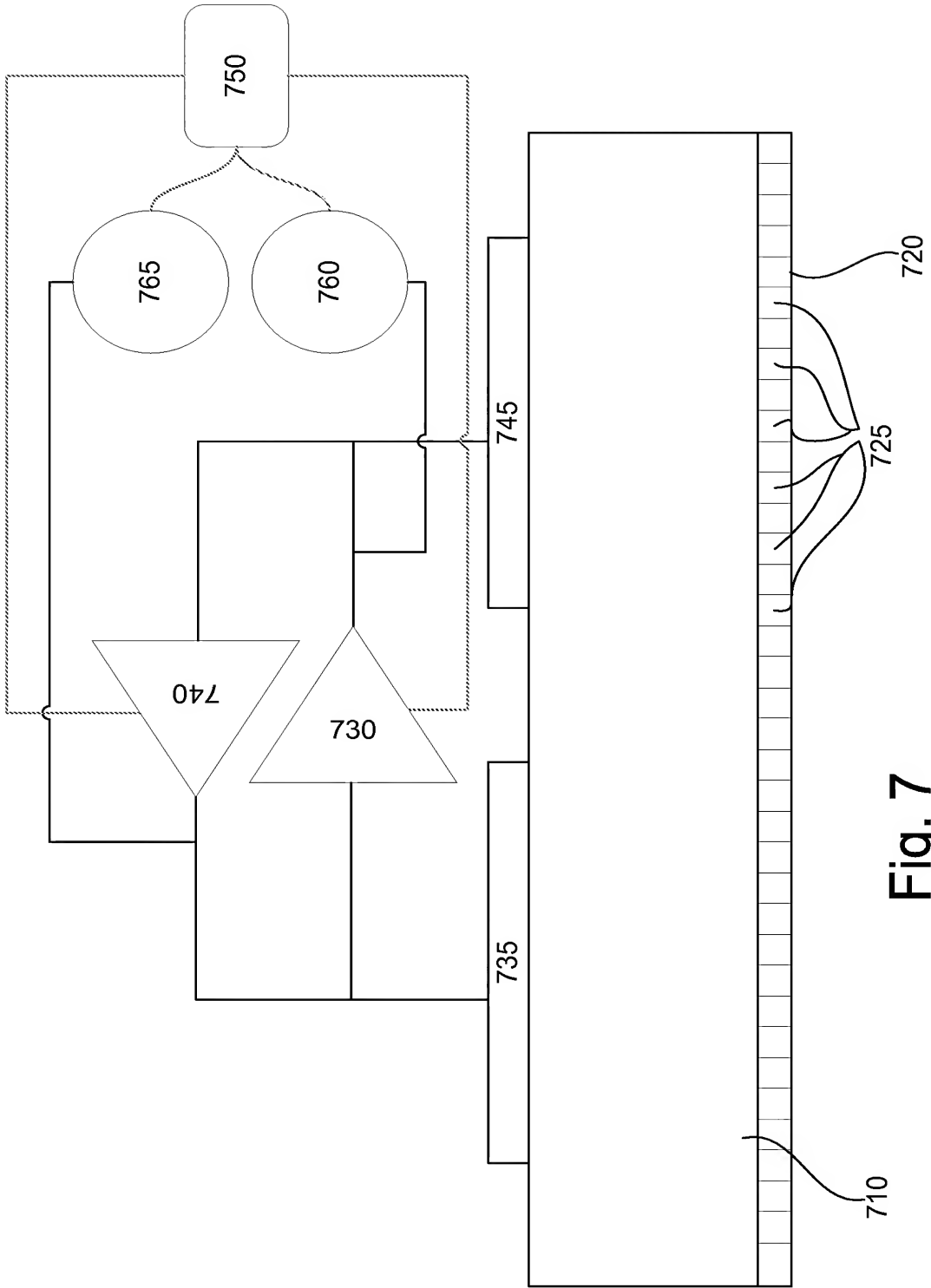


Fig. 7

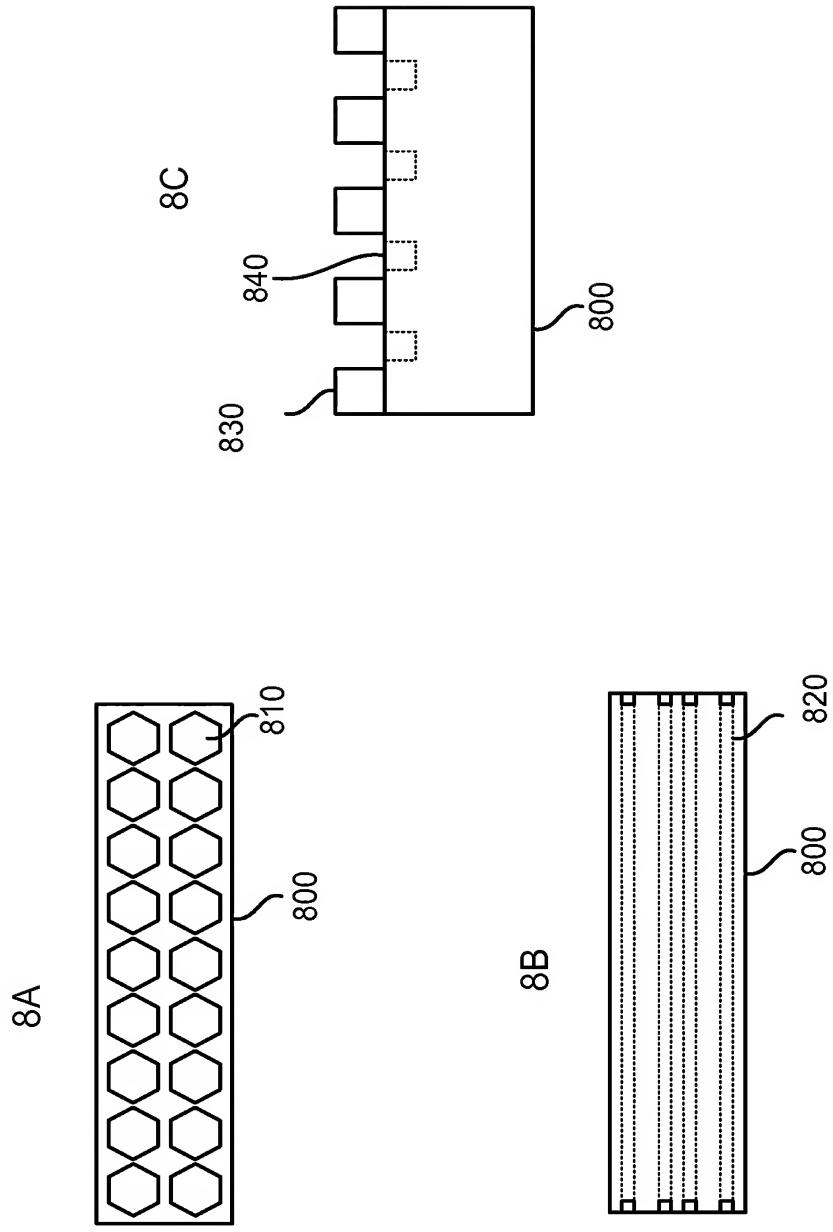


Fig. 8